

CLAIMS

1. A rod-shaped article forming device comprising:
a travel path along which an endless garniture tape
5 travels while passing through a wrapping section thereof,
a forming guide disposed in the wrapping section of
said travel path to support a back surface of the garniture
tape, said forming guide bending the garniture tape during
a travelling process thereof to form the garniture tape
10 into an arc in view of a cross section thereof, thereby
wrapping in wrapping paper a material supplied onto the
wrapping paper in a traveling process of the wrapping paper
together with the garniture tape to continuously form a
rod-shaped article, and
15 a pair of guide members for guiding the garniture tape
at upstream and downstream sides of the wrapping section of
said travel path, forming the garniture tape, in view of a
cross section thereof, into a arc that is convex in reverse
to a cross section thereof formed by said forming guide,
20 and guiding the garniture tape while pulling both side
edges thereof more than a central part thereof toward an
inner side of said travel path in order to offset an
increment of tension that is produced on the both side
edges of said garniture tape due to the guidance of said
25 forming guide.
2. The rod-shaped article forming device according to
claim 1, wherein said guide members are a pair of guide
rollers being arranged in upstream and downstream sides of
the wrapping section with the wrapping section interposed
30 therebetween in said travel path, the guide rollers each
including a guide surface having a cross section of an arc
that is convex in reverse to a cross section of said
garniture tape formed by said forming guide in a travelling

direction of the garniture tape.

3. The rod-shaped article forming device according to claim 2, wherein said guide rollers each include the guide surface having the cross section that is so determined as
5 to make travel length of the both side edges and that of the central part of the garniture tape on said travel path substantially uniform.

4. The rod-shaped article forming device according to claim 2 further comprising a positioning mechanism capable
10 of positioning said guide rollers in respect to a transverse direction of said travel path.